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(54) Title: METHOD OF TREATING DIABETES AND RELATED CONDITIONS

(57) Abstract: The present invention addresses the use of substituted thiophene derivatives, as well as compositions containing such compounds for treating type 2 diabetes mellitus. The compounds in the present invention are glucagon antagonists. The compounds block the action of glucagon at its receptor and thereby decrease the levels of plasma glucose providing a treatment of diabetes.

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# INTERNATIONAL SEARCH REPORT

International application No.

PCT/US03/28044 -

## A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : A01N 43/02

US CL : 514/430

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 514/430

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	CAS Registry # (RN) 445025-70-7 Accession No. (AN):2002:3015706 CHEMCATS (Interchim Intermediates) 09 July 2002	1-21
A	CAS Registry # (RN) 438618-32-7 Accession No. (AN): 2002:2627575 CHEMCATS (Interchim Intermediates) 09 July 2002	1-21



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- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

"T"

later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

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document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

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